

SPHIT-2

Work Order ID 84282-1

May-09-12 10:03:27 AM

84282

Page 1

Item ID: D4022-041

Accept

N9000040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Fuel Transfer Pump Assembly

Start Date: 09/05/2012 Start Qty: 4.00

4

Required Date: 23/05/2012 Req'd Qty: 4.00

4

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: MLS

Date: 12/05/09 Tooling:

Date:

Run Start *NR1*

QC:

Date: SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D4022

C

100

0.00

100

Small Fab

Memo

0.00

Small Fab

Assemble as per dwg D4022

Metal set A4 batch: 1116173

O-ring Lub as per dwg batch: 1110340

2

0

FF
12-06-08

110

QC5- Inspect part completeness to step on W/O

0.00

110

QC

Memo

0.00

Quality Control

8/26/08

②

Work Order ID 84282

May-09-12 10:03:27 AM

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Page 2

Item ID: D4022-041 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Fuel Transfer Pump Assembly
 Start Date: 09/05/2012 Start Qty: 4.00 ***4*** Cust Item ID:
 Required Date: 23/05/2012 Req'd Qty: 4.00 ***4*** Customer:
 Reference:

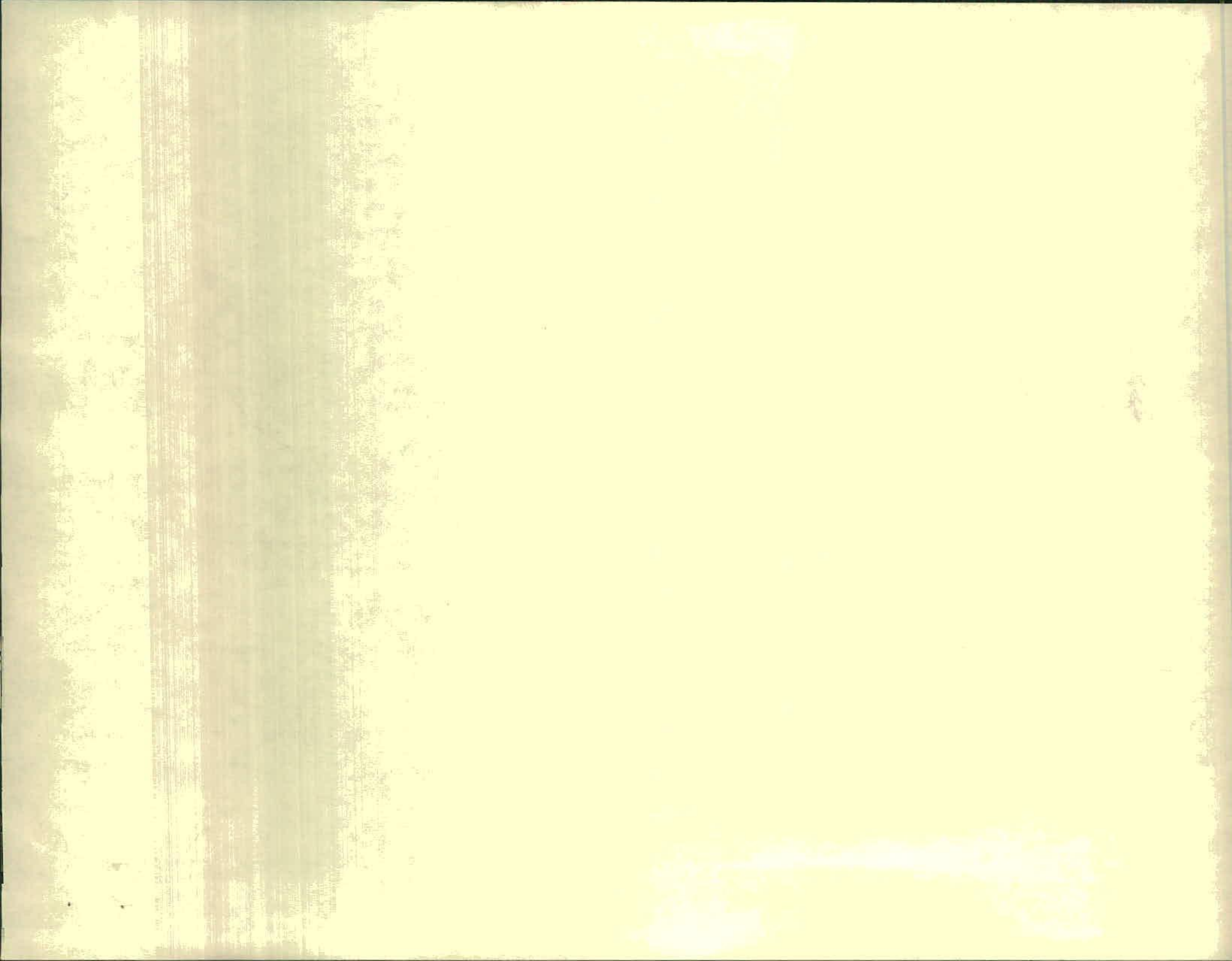
Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	Identify as per dwg & Stock Location: _____	0.00							
120									
Packaging	Memo	0.00							
Packaging									
130	QC21- Final Inspection - Work Order Release	0.00							
130									
QC	Memo	0.00							
Quality Control									

Handwritten signature and date: 12/2/8 @

Handwritten signature and date: 12/6/11

Handwritten signature and date: ME 12-06-08



May-09-12 10:03:31 AM

84282

D4022-041

Start Date: 09/05/2012

Required Date: 23/05/2012

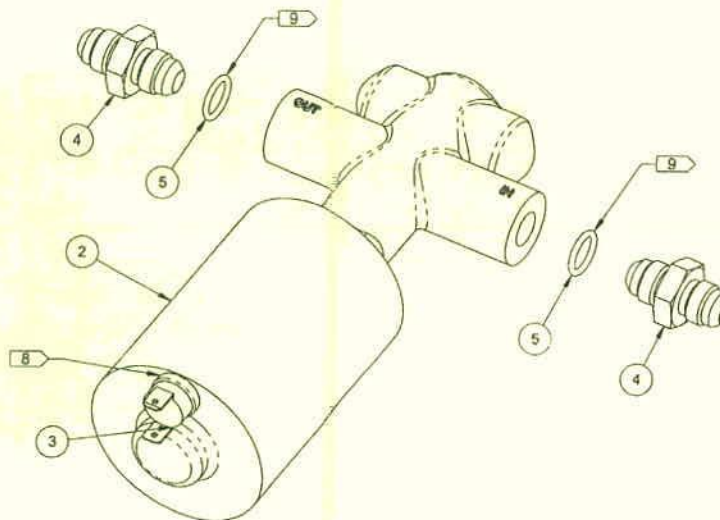
Start Qty: 4.00

Required Qty: 4.00

IPP rev A 10.02.02 new issue Prelim EC verified by:DD IPP Rev:B
10.05.17 as per ECN10-562 DD verf:EC IPP REV:C 11.11.22
PER ECN11-665 DD VEF:EC IPP REV:D 12.02.08 replace
AN818-6D for AN815-6D DD VEF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4022-1 *D4022-1* Fuel Transfer Pump		Manufactured	No			100	Each	0.0000	1	4			FF
						80886			**	2			12-06-08
D4022-5 *D4022-5* Thermal Switch		Manufactured	No			100	Each	35.0000	1	4			FF
									**	2			12-06-08
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST083		35							
					79949	35				3			
AN815-6D *AN815-6D* Union-M-Flare		Purchased	No			100	Each	16.0000	2	8			FF
									**	4			12-06-08
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST324		8							
					121390	8				4			
				ST325		8							
					119396	6							
					119433	2							
MS29512-06 *MS29512-06* O-RING		Purchased	No			100	Each	16.0000	2	8			FF
									**	4			12-06-08
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST293		16							
					121166	16				11-06-08			

ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X	D4022-041	FUEL TRANSFER PUMP ASSEMBLY	A8150-B1-JCA
2	1	D4022-1	FUEL TRANSFER PUMP	
3	1	D4022-5	THERMAL SWITCH	
4	2	AN815-6D	FITTING, UNION	
5	2	MS29512-06	O RING	



D4022-041 FUEL TRANSFER PUMP ASSEMBLY

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT

WITHOUT NOTICE
WORK ORDER

NO. 84282 MLJ

12/05/09

NOTES:

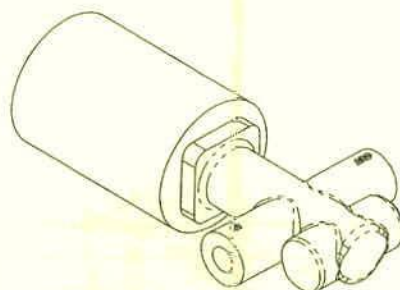
- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 8.1
- 7) WEIGHT: 2.61 lbs
- 8) ATTACH D4022-5 THERMAL SWITCH TO D4022-1 FUEL PUMP IN LOCATION SHOWN USING METALSET A4
- 9) LUBRICATE O-RING WITH ULTRACHEM ASSEMBLY FLUID #1, FUEL-LUBE, MOLYKOTE 55 O-RING GREASE OR EQUIVALENT

C	CORRECTED TYPO: AN815-6D WAS AN815-6D, ZN 07-1. CORRECTED SPELLING OF "AEROSPARES", ZN 85-3.	DC	12.02.09
B	CORRECTED SPELLING OF "AEROSPARES". REF CAR 11-50.	DC	11.09.28
A	NEW ISSUE	HS	10.04.16
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>BC</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>BC</i>		
CHECKED	<i>BC</i>	DRAWING NO. D4022	REV. C SHEET 1 OF 4
MFG. APPR.		TITLE FUEL PUMP	SCALE NTS
APPROVED	<i>19</i>	DATE 12.02.09	
DE APPR.	<i>19</i>	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4022-1	REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING

24282



DART PART NUMBER	SUPPLIER	SUPPLIER PART NUMBER	OPERATING VOLTAGE	FLOW (GPH)	OUTPUT PRESSURE (PSI)	TEMPERATURE RANGE
D4022-1	WELDON	A8150-B1	24 VDC	35 - 50	5 - 25	-85°F TO +185°F
	AEROSPARES ACCESSORIES	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F

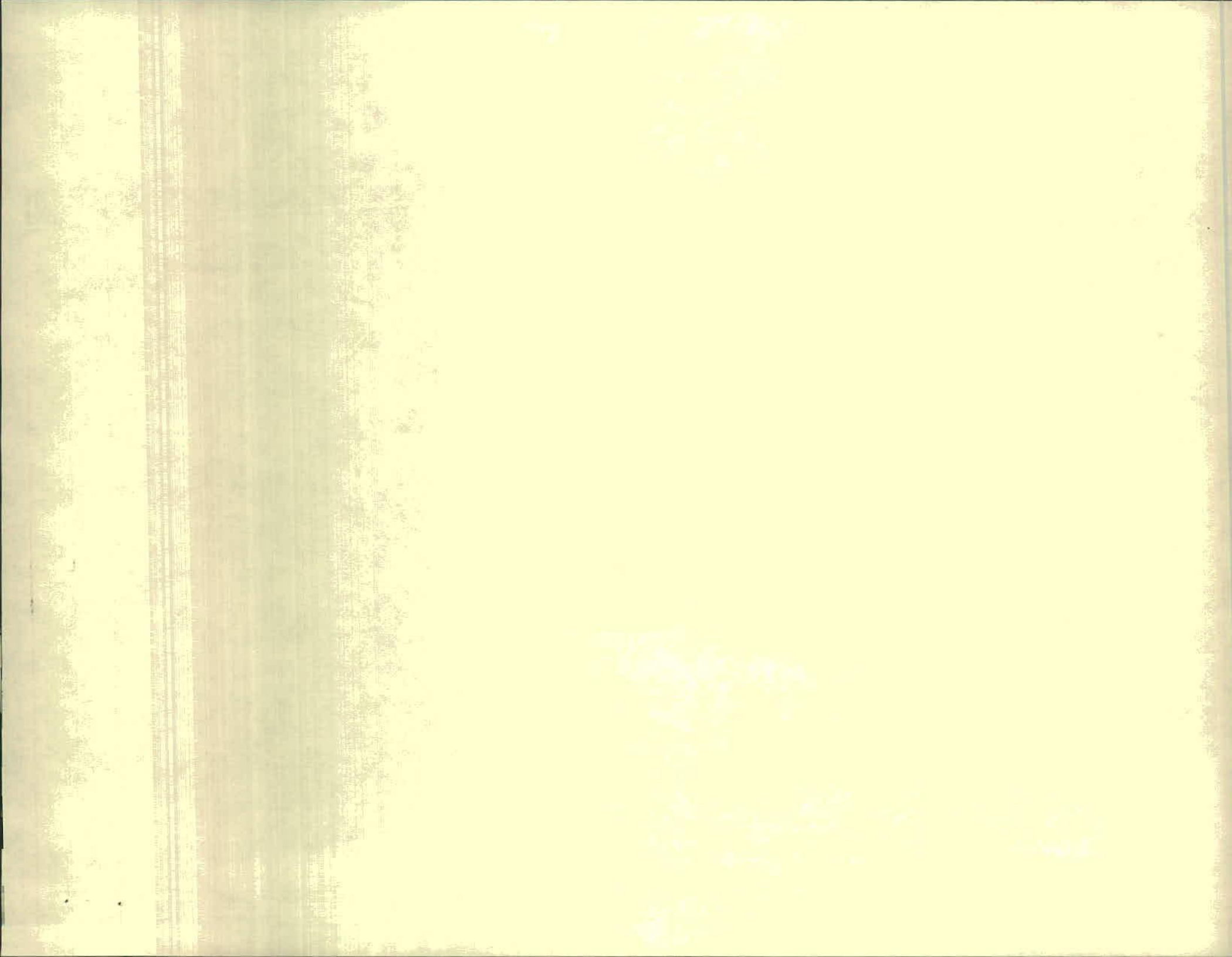
D4022-X FUEL TRANSFER PUMP

RELEASED
2012-03-02
ANN

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 2.6 lbs

DESIGN	AS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	SC		
CHECKED	AS	DRAWING NO.	REV. C
MFG. APPR.		D4022	SHEET 2 OF 4
APPROVED	MA	TITLE	SCALE
DE APPR.	HA	FUEL PUMP	NTS
DATE	12.02.09	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	

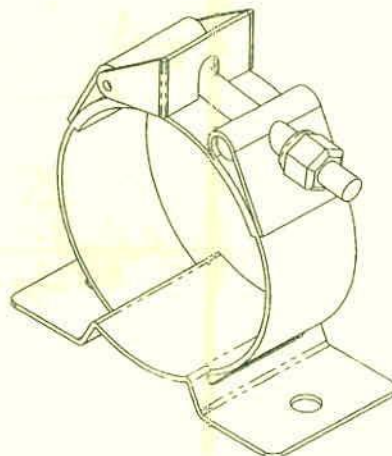


DART AEROSPACE
PART NUMBER
D4022-3

JOHN CAMERON AVIATION
PART NUMBER
REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING

24282



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	MATERIAL	FITS MOTOR SIZE (Ø)
D4022-3	WELDON	TC 250-100	STAINLESS STEEL	2.5
	AIRCRAFT SPRUCE AND SPECIALTY	05-00021	STAINLESS STEEL	2.5
	AEROSPARES ACCESSORIES	TC 250-100	STAINLESS STEEL	2.5



D4022-X FUEL PUMP MOUNTING BRACKET

2012-03-02
JM

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A

DESIGN	JS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JS		
CHECKED	JS	DRAWING NO. D4022	REV. C
MFG. APPR.			SHEET 3 OF 4
APPROVED	JS	TITLE	SCALE
DE APPR.	JS	FUEL PUMP	NTS
DATE	12.02.09	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED BY ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

DART AEROSPACE
PART NUMBER

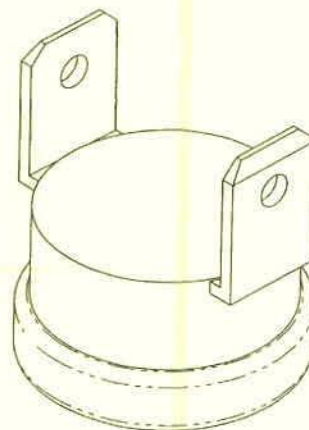
JOHN CAMERON AVIATION
PART NUMBER

D4022-5

REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING

84282



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	ALTERNATE PART NUMBER	TEMPERATURE WHEN SWITCH OPENS
D4022-5	FARNELL	1006847	3775628	125°F
	HONEST-WELL	T23A125BSR2-15	3775628	125°F
	NEWARK	98K1992	3775628	125°F

D4022-X THERMAL SWITCH

10-2180
2012-03-22
W

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

DESIGN	JS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JS		
CHECKED	JS	DRAWING NO. D4022	REV. C
MFG. APPR.			SHEET 4 OF 4
APPROVED	JS	TITLE FUEL PUMP	SCALE NTS
DE APPR.			
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